|   | Index of Claims                 |          |          |          |          |              |           |         |                 |              |           |          |                 |             |                   |               |               |          |              |          |              |            | R xamination |         |            |          |                 |          |  |   |    |
|---|---------------------------------|----------|----------|----------|----------|--------------|-----------|---------|-----------------|--------------|-----------|----------|-----------------|-------------|-------------------|---------------|---------------|----------|--------------|----------|--------------|------------|--------------|---------|------------|----------|-----------------|----------|--|---|----|
|   |                                 |          |          |          |          |              |           |         |                 |              |           |          |                 | 10/784,961  |                   |               |               |          |              |          |              |            | FUJII ET AL. |         |            |          |                 |          |  |   |    |
|   |                                 |          |          |          |          |              |           |         |                 |              |           |          |                 | П           | Examiner          |               |               |          |              |          |              |            |              |         | Uni        | it       |                 |          |  |   |    |
|   |                                 |          |          |          |          |              |           |         |                 |              |           |          |                 | ١,          | Kyle M. Riddle    |               |               |          |              |          |              |            |              | 374     | 18         |          |                 |          |  |   |    |
|   | ı r                             |          |          |          |          |              |           |         |                 |              |           |          |                 |             | Tylo III. I Madio |               |               |          |              |          |              |            |              |         | 10         |          |                 |          | l  |   |    |
|   | / B i et d (Through num ral)    |          |          |          |          |              |           |         |                 |              |           |          |                 |             |                   | ſ             | Т             |          |              |          |              |            | П            |         |            |          |                 |          |  |   |    |
|   | $ \sqrt{ R }$ ct d $ - $ (1 hro |          |          |          |          |              |           |         |                 |              |           | ance     | lled            | ıaı         | '                 | N Non-Elect d |               |          |              |          |              | A          | App al       |         |            |          |                 |          |  |   |    |
|   |                                 |          |          |          |          |              |           |         | H               |              |           |          |                 |             | $\overline{}$     | ŀ             |               |          |              |          | •            | H          |              |         |            |          | 1               |          |  |   |    |
|   | = AII                           |          |          |          |          |              | llowed    |         |                 | ÷ Restricted |           |          |                 |             | I   Interference  |               |               |          | се           |          | 0            | Objected   |              |         |            |          |                 |          |  |   |    |
|   |                                 |          |          |          |          |              |           |         | ш               |              |           |          |                 |             |                   |               |               |          |              |          |              |            |              |         |            |          |                 |          |  |   |    |
|   | Cla                             | im       | L,       |          |          | Dа           | ite       | _       |                 |              | Cla       | Claim    |                 |             | Dat               |               | •             |          |              |          | Claim        |            |              | Date    |            |          |                 |          |  |   |    |
|   | _                               | اعا      | 1/31/05  |          |          |              |           |         |                 |              | _         | 펼        |                 |             |                   |               |               |          |              | - 1      | _            | 뎔          |              |         |            |          |                 |          |  |   |    |
|   | Final                           | Original | 31/      | l        |          |              |           |         | Н               |              | Final     | Original |                 |             |                   |               |               |          |              | - 1      | Final        | Original   |              |         |            |          |                 |          |  |   |    |
|   |                                 | 0        | 1        |          |          |              |           |         |                 |              |           |          |                 |             |                   |               |               |          | Ш            | L        |              |            |              |         |            |          |                 |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |   |    |
|   |                                 | 1        | - 5      |          |          |              | $\bot$    |         |                 | _            |           | 51       | $\Box$          |             |                   |               | 4             |          | $\sqcup$     | -        |              | 101        |              |         | 1          |          |                 | _        | _  | ] |    |
|   |                                 | 3        | +        | $\vdash$ | +        | +            | +-        | -       | -               |              |           | 52<br>53 | -               | - -         | +                 |               | $\dashv$      | +        | $\dashv$     | ŀ        |              | 102<br>103 | $\vdash$     | +       | +          | Н        | $\dashv$        | +        | +  | 1 |    |
|   |                                 | 4        | Н        | $\vdash$ | +        | +            | ╁         | _       | $\vdash$        | -            |           | 54       | $\vdash$        | +           | +                 | $\dashv$      | 7             | +        | +            | ŀ        | 一            | 104        | H            |         | $\dagger$  | H        |                 |          | t  | 1 |    |
|   |                                 | 5        |          |          |          |              |           |         |                 |              |           | 55       |                 |             |                   |               |               | I        | П            |          |              | 105        |              |         |            |          |                 |          |  | ] |    |
|   |                                 | 6        | Ш        |          | $\perp$  | $\bot$       | _         |         |                 |              |           | 56       |                 | $\perp$     | $\perp$           |               | -             | - -      | -            | <u> </u> |              | 106        | Н            | _       | lacksquare | Ш        |                 | _ _      | ╀  | _ |    |
|   |                                 | 7<br>8   | V        | $\vdash$ | +        | +            | ╁         | ╫       | $\vdash$        | $\dashv$     |           | 57<br>58 | +               | +           | +                 |               | $\dashv$      | +-       | +            | -        | -            | 107<br>108 | $\vdash$     | +       | +          | Н        |                 | +        | ╁  | 1 |    |
|   |                                 | 9        | ┢        | Н        |          | $\dagger$    | $\dagger$ | T       | H               | _            |           | 59       | $\vdash$        | $\dagger$   |                   |               | $\exists$     |          |              |          |              | 109        | $\Box$       | $\top$  | $\perp$    |          |                 | ╅        | $\top$   | ] |    |
|   |                                 | 10       |          |          |          |              | $\perp$   |         |                 |              |           | 60       |                 |             |                   | $\Box$        |               |          | $\Box$       |          |              | 110        |              | $\perp$ | $\perp$    |          |                 | _ _      | _  | ] |    |
|   |                                 | 11<br>12 | -        |          | -        | +            |           | +-      | $\vdash$        | _            | <u> </u>  | 61<br>62 | $\vdash$        | +           | +                 |               | $\dashv$      | -        | +            | }        |              | 111<br>112 | Н            | +-      | +          | $\vdash$ | $\dashv$        | -        | +  | - |    |
|   |                                 | 13       | $\vdash$ | Н        | +        | +            | +         | +-      | -               | $\dashv$     | -         | 63       | $\vdash$        | +           | +                 |               | $\dashv$      | +        | ${}^{\rm H}$ | 1        | <del> </del> | 113        | H            | +       | +          | Н        |                 | $\dashv$ | +  | 1 |    |
|   |                                 | 14       |          |          |          |              |           |         |                 |              |           | 64       |                 |             |                   |               |               |          |              |          |              | 114        |              |         |            |          |                 |          |  | ] |    |
|   |                                 | 15       |          |          | _        | 1            | _         | _       |                 |              |           | 65       | 1               | _ _         | -                 |               | $\dashv$      |          | +            |          |              | 115        | Н            |         |            | $\vdash$ | $\dashv$        |          | +  | - |    |
|   |                                 | 16<br>17 | ┢        | ╌┤       | +        | +            | +         | +       | $\vdash$        | $\dashv$     | -         | 66<br>67 | $\vdash$        | +           | +                 | $\dashv$      | $\dashv$      | +        | +            | H        |              | 116<br>117 | $\vdash$     | -       | +          |          | H               | +        | +  | 4 |    |
|   |                                 | 18       |          |          | $\dashv$ | +            |           | +       | H               | $\dashv$     |           | 68       | $\Box$          | $\dashv$    | +                 |               | $\neg$        | $\dashv$ | $\forall$    |          |              | 118        | $\Box$       | _       | $\top$     | Н        |                 | $\dashv$ | 1.   | 1 |    |
|   |                                 | 19       |          |          |          | I            |           |         |                 |              |           | 69       | П               |             |                   |               |               |          | $\Box$       |          |              | 119        |              |         |            | Ш        |                 | $\bot$   | 1  | ] |    |
|   | <u> </u>                        | 20<br>21 |          | H        |          | -            |           | ┼-      |                 | _            | -         | 70<br>71 | $\vdash \vdash$ | +           | -                 | $\vdash$      | $\dashv$      | +        | +            |          |              | 120<br>121 | $\vdash$     |         | -          | $\vdash$ |                 | -        |  | 1 |    |
|   |                                 | 22       | <u> </u> | H        | $\dashv$ | +            | +         | ╁       | H               |              |           | 72       |                 | +           | -                 |               | $\dashv$      | +        | +            | -        |              | 122        | Н            | -       | +          | H        |                 | +        | +  | 1 |    |
|   |                                 | 23       |          |          |          |              |           |         |                 |              |           | 73       |                 |             |                   |               |               |          |              | ] [      |              | 123        |              |         |            |          |                 |          |  | ] | ٠. |
| • |                                 | 24       | ┞        |          | +        | +            | +         | ╄       |                 |              |           | 74<br>75 | $\vdash$        | +           |                   |               | $\dashv$      | _        | +            |          |              | 124<br>125 | $\vdash$     | +       | +-         |          |                 | -        | +  | 4 |    |
|   | -                               | 25<br>26 | ┢        | Н        | +        | +            | ╁         | ╁       | Н               | -            |           | 76       | $\vdash$        | +           |                   | $\dashv$      | -             | +        | $\forall$    |          | $\dashv$     | 126        | $\vdash$     |         | +-         | Н        |                 | +        | +  | 1 |    |
|   |                                 | 27       |          |          |          | $\perp$      |           |         |                 |              |           | 77       |                 |             |                   |               |               |          |              | į        |              | 127        |              |         |            |          |                 |          |  | ] |    |
|   |                                 | 28       | L        |          | _        | $\downarrow$ | 4         |         |                 |              |           | 78       | $\sqcup$        | _ _         | -                 |               |               | $\perp$  | $\sqcup$     | Ļ        |              | 128        | $\sqcup$     | 4       | $\bot$     |          |                 | _        | -  | 4 |    |
|   |                                 | 29<br>30 | ⊢        | Н        | $\dashv$ | +-           | ╬         | +       | $\vdash$        | -            | -         | 79<br>80 | $\vdash$        |             | +                 | $\dashv$      | $\dashv$      | +        | +            | -        |              | 129<br>130 | H            | +       | +          | Н        | Н               | +        |  | - |    |
|   |                                 | 31       | H        | Н        | $\dashv$ | ╅            | ╅         |         | Н               | $\dashv$     |           | 81       | $\vdash$        | _           | +                 |               | T             | $\dashv$ | $\top$       | l        |              | 131        |              | $\top$  | $\dagger$  | П        |                 |          |  | 1 |    |
|   |                                 | 32       |          |          |          | 1            |           |         |                 |              |           | 82       |                 |             |                   |               |               |          | $\Box$       |          |              | 132        |              | 4       | _          |          | Ш               | $\perp$  |  | ] |    |
|   |                                 | 33<br>34 | ├        | Н        | -        | +            | +         | +       | Н               | Н            | <u></u> - | 83<br>84 | $\vdash$        | +           | +                 |               | $\dashv$      | +        | ┿┥           | <br> -   |              | 133<br>134 | $\vdash$     | +       | +          | -        |                 | -        | +  | ╡ |    |
|   |                                 | 35       | ⊢        | $\vdash$ |          | ╁            | ╁         | +       | Н               | -            |           | 85       | $\vdash$        | +           | +                 |               | $\vdash$      | +        | +            |          |              | 135        |              | +       | +          |          | $\vdash$        | +        | +-   | 1 |    |
|   |                                 | 36       |          |          |          | I            |           |         |                 |              |           | 86       |                 |             |                   |               |               |          |              |          |              | 136        |              |         |            |          |                 |          |  | ] |    |
|   |                                 | 37       | L        |          |          | Ţ            | $\bot$    |         |                 |              |           | 87       | П               |             | $\perp$           |               | $\Box$        |          | П            |          |              | 137        |              | _       | +          |          |                 | 4        | $\perp$  | ] |    |
|   |                                 | 38       | -        | -        |          | +            | +         | -       | Н               |              |           | 88<br>89 | ╌               | +           | +                 |               | $\vdash$      | +        | +            | <b> </b> |              | 138<br>139 | $\vdash$     |         | ╬          | $\vdash$ | $\vdash$        | +        | +  | 4 |    |
|   |                                 | 40       | $\vdash$ | Н        | +        | $\dagger$    | ╁         | +-      | Н               | $\dashv$     |           | 90       | Н               | +           | +                 |               | H             | +        | $\top$       |          |              | 140        | $\dagger$    | +       | +          |          | H               | $\dashv$ | +-   | 1 |    |
|   |                                 | 41       |          |          | $\Box$   | 1            |           | $\perp$ | П               |              |           | 91       |                 | $\bot$      | I                 |               |               | $\perp$  | $\Box$       |          |              | 141        | Ш            |         |            |          |                 |          |  | ] |    |
|   | <u> </u>                        | 42<br>43 | $\vdash$ | Н        | $\perp$  | +            | - -       | +       | $\vdash \vdash$ | $\square$    | -         | 92<br>93 | $\vdash$        | -           | +                 | H             | Н             | +        | $\dashv$     |          |              | 142<br>143 | $\vdash$     | +       | +          |          | $\vdash$        | +        | +  | 4 |    |
|   |                                 | 44       | +        | $\vdash$ | +        | +            | +         | +       | Н               |              |           | 93       | $\vdash \vdash$ | +           | +                 | H             | ${\mathbb H}$ | +        | +            |          |              | 144        | +            | +       | +-         | $\vdash$ | $\vdash \vdash$ | $\dashv$ | +  | † |    |
|   |                                 | 45       |          |          |          |              | 上         |         |                 |              |           | 95       |                 |             |                   |               |               | 上        | $\perp$      |          |              | 145        |              |         |            |          |                 |          |  | ] |    |
| • |                                 | 46       |          |          |          | $\perp$      |           | 1       | $\Box$          | Щ            |           | 96       | $\Box$          | $\perp$     |                   |               | Ц             | $\perp$  | +            |          |              | 146        | $\Box$       | $\bot$  | 1          | _        | $\Box$          | _        | 1  | 4 |    |
|   | $\vdash$                        | 47<br>48 | +-       | H        | $\vdash$ | +            | +         | +       | $\vdash$        | $\vdash$     | -         | 97<br>98 | $\vdash$        | +           | +                 |               | $\vdash$      | +        | +            | ╽╶├      |              | 147<br>148 | +            | +       | +          | +        | Н               | $\dashv$ | +  | + |    |
|   |                                 | 49       |          |          |          | 1            | 土         | 上       |                 |              |           | 99       |                 |             | 士                 |               |               |          |              | <b> </b> |              | 149        |              |         | $\perp$    |          |                 |          |  |   |    |
|   |                                 | 50       |          | Γ_       |          | Т            | T         |         |                 |              |           | 100      | ГΤ              | $\neg \top$ |                   |               | П             | T        |              | ıſ       |              | 150        |              |         | T          |          | П               |          | T  | 1 |    |

Application/Control No.

Applicant(s)/Patent und r